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Third Report Calendar Year 1958

INFANT

and

NEONATAL MORTALITY

and

STILLBIRTH RATES

by

MONTANA HOSPITALS

Prepared by

Montana State Board of Health  
Division of Child Health Services  
Division of Records and Statistics  
-and-

Montana Medical Association  
Maternal & Child Welfare Committee

Helena, Montana

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## FOREWORD

TO: Hospital Administrators,  
Medical Staffs, and Nurses

This is the third annual report of its kind prepared for disseminating vital information to the medical and nursing professions and to hospital administrators. Its purpose is aimed to improve the caliber of maternal and newborn care in Montana hospitals.

As in previous years all hospitals in Montana doing obstetrics cooperated with the State Board of Health and the Maternal and Child Welfare Committee of the Montana Medical Association by returning, quarterly, information on the number of live births, stillbirths, neonatal, and infant deaths occurring in their respective hospitals. This information has been tabulated for each of four groups representing a classification by number of hospital beds.

In 1958 there were 17,166 live births (provisional) in Montana (by place of occurrence) for a rate of 25.3 per 1000 estimated population. There were 438 infant deaths with a rate of 25.5 per 1000 live births. Of these there were 304 neonatal deaths with a rate of 17.7. There were also 230 fetal deaths with a rate of 13.4 per 1000 live births. Montana's infant mortality rates are reasonably low when one considers that the State is predominately rural and adequate hospital facilities and personnel are frequently inadequate. However, there is still room for continued improvement.

Because of the interest shown in the two previous reports it has been decided to continue this study. It is hoped that hospitals and medical staffs will continue to cooperate by reporting mortality and by continuing to support the perinatal death studies. In this report hospitals are ranked on the basis of their infant death rate. The hospital ranked number 1 in each group has the lowest infant death rate in that bed class. Your hospital is checked in red in the report. It is further hoped that the administrators, medical staffs, and nurses will review the report and consider where improvements can be made in their own hospital.

Consultation in connection with construction in hospitals, with problems in the care of the premature and newborn, and with the control of communicable diseases is available on request through the State Board of Health.

Montana State Board of Health  
Maternal and Child Welfare Committee  
of the Montana Medical Association

## # 1 - GENERAL HOSPITALS

Montana, 1958  
(100 beds or more)

Rank in Group	Number of Live Births	Number of Deaths					Rate per 1,000 Live Births			
		Infant	1-11 Months	Neonatal	Stillbirth		Infant	1-11 Months	Neonatal	Stillbirth
TOTAL	7,712	135	11	124	102	MEAN	17.5	1.4	16.4	13.2
1	342	3	0	3	1		8.8	0.0	8.8	2.9
2	891	13	0	13	11		14.6	0.0	14.6	12.3
3	773	13	1	12	10		16.8	1.3	15.5	12.9
4	1,017	18	3	15	13		17.7	2.9	14.7	12.7
5	394	7	0	7	6		17.7	0.0	17.7	15.2
6	1,144	21	3	18	10		18.4	2.6	15.7	8.8
7	865	16	3	13	10		18.5	3.5	15.0	11.5
8	531	10	0	10	7		18.8	0.0	18.8	13.1
9	1,271	24	1	23	20		18.9	0.8	18.1	15.7
10	484	10	0	10	14		20.6	0.0	20.6	29.0

## # 2 - INTERMEDIATE GENERAL HOSPITALS

Montana, 1958  
(40-99 beds)

Rank in Group	Number of Live Births	Number of Deaths				Rate per 1,000 Live Births				
		Infant	1-11 Months	Neonatal	Stillbirth	Infant	1-11 Months	Neonatal	Stillbirth	
TOTAL	5,443	109	8	101	65	MEAN	20.0	1.5	18.6	11.9
1	226	0	0	0	0		0.0	0.0	0.0	0.0
2	231	1	0	1	1		4.3	0.0	4.3	4.3
3	285	3	0	3	3		10.5	0.0	10.5	10.5
4	373	4	0	4	2		10.7	0.0	10.7	5.4
5	82	1	0	1	1		12.2	0.0	12.2	12.2
6	230	3	1	2	4		13.0	4.3	8.7	17.4
7	588	8	0	8	5		13.6	0.0	13.6	8.5
8	423	7	0	7	10		16.5	0.0	16.5	23.6
9	288	6	0	6	2		20.9	0.0	20.9	6.9
10	190	4	1	3	0		21.1	5.3	15.8	0.0
11	329	7	1	6	5		21.3	3.0	18.2	15.2
12	266	6	0	6	2		22.6	0.0	22.6	7.5
13	628	16	0	16	10		25.5	0.0	25.5	15.9
14	158	4	1	3	2		25.6	6.3	18.9	12.6
15	351	10	0	10	6		28.5	0.0	28.5	17.0
16	54	1	0	1	0		28.5	0.0	28.5	0.0
17	56	2	0	2	0		35.7	0.0	35.7	0.0
18	300	11	2	9	8		36.6	6.7	30.0	26.7
19	385	15	2	13	4		38.9	5.2	33.8	10.4

## # 3 - SMALL GENERAL HOSPITALS

Montana, 1958  
(10-39 beds)

Rank in Group	Number of Live Births	Number of Deaths				Rate per 1,000 Live Births				
		Infant	1-11 Months	Neonatal	Stillbirth	Infant	1-11 Months	Neonatal	Stillbirth	
TOTAL	3,468	76	17	59	58	MEAN	21.9	4.9	17.0	17.0
1	159	0	0	0	1	0.0	0.0	0.0	6.3	
1	121	0	0	0	3	0.0	0.0	0.0	24.8	
1	104	0	0	0	0	0.0	0.0	0.0	0.0	
1	77	0	0	0	0	0.0	0.0	0.0	0.0	
1	72	0	0	0	1	0.0	0.0	0.0	13.7	
1	68	0	0	0	0	0.0	0.0	0.0	0.0	
1	64	0	0	0	1	0.0	0.0	0.0	15.6	
1	65	0	0	0	0	0.0	0.0	0.0	0.0	
1	56	0	0	0	3	0.0	0.0	0.0	53.4	
1	46	0	0	0	0	0.0	0.0	0.0	0.0	
1	38	0	0	0	0	0.0	0.0	0.0	0.0	
1	27	0	0	0	1	0.0	0.0	0.0	37.0	
1	23	0	0	0	0	0.0	0.0	0.0	0.0	
2	222	2	0	2	1	9.1	0.0	9.1	4.5	
3	78	1	0	1	2	12.8	0.0	12.8	25.6	
4	151	2	0	2	7	13.2	0.0	13.2	46.4	
5	188	3	0	3	2	15.9	0.0	15.9	10.6	
6	125	2	0	2	1	16.0	0.0	16.0	8.0	
7	173	3	0	3	5	17.3	0.0	17.3	28.9	
8	52	1	0	1	0	19.2	0.0	19.2	0.0	
9	150	3	0	3	0	20.0	0.0	20.0	0.0	
10	99	2	1	1	4	20.2	10.1	10.1	40.4	

# 3 - SMALL GENERAL HOSPITALS  
(Continued)

Montana, 1958  
(10-39 beds)

Rank in Group	Number of Live Births	Number of Deaths				Rate per 1,000 Live Births			
		Infant	1-11 Months	Neonatal	Stillbirth	Infant	1-11 Months	Neonatal	Stillbirth
11	48	1	0	1	1	20.8	0.0	20.8	20.8
12	41	1	0	1	2	24.4	0.0	24.4	48.8
13	198	6	3	3	4	30.3	15.2	15.2	20.2
14	98	3	0	3	2	30.3	0.0	30.3	20.4
15	125	4	0	4	2	32.0	0.0	32.0	16.0
16	80	3	0	3	1	37.5	0.0	37.5	12.5
16	80	3	0	3	1	37.5	0.0	37.5	12.5
17	128	5	1	4	6	39.1	7.8	31.1	46.9
18	72	3	0	3	0	41.7	0.0	41.7	0.0
19	67	3	1	2	2	44.8	14.9	29.9	29.9
20	208	11	3	8	1	52.8	14.4	38.4	4.8
21	18	1	1	0	0	55.5	55.5	0.0	0.0
22	114	10	7	3	3	87.6	61.4	26.3	26.3
23	33	3	0	3	1	90.9	0.0	90.9	30.3

## # 4 - COMMUNITY HEALTH FACILITY

Montana, 1958  
(under 10 beds)

Rank in Group	Number of Live Births	Number of Deaths				Rate per 1,000 Live Births			
		Infant	1-11 Months	Neonatal	Stillbirth	Infant	1-11 Months	Neonatal	Stillbirth
TOTAL	99	0	0	0	1	MEAN	0.0	0.0	0.0
1	41	0	0	0	0		0.0	0.0	0.0
1	39	0	0	0	0		0.0	0.0	0.0
1	19	0	0	0	1		0.0	0.0	52.6



